

Patent
Attorney's Docket No. 0050-0136

2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
)
 Hideyuki Furuichi) Group Art Unit: 2664
)
 Application No.: 09/829,972) Examiner: C. Ho
)
 Filed: April 11, 2001)
)
 For: HEADER CONVERSION TECHNIQUE)
 IN ATM SWITCH)

**LETTER RE POWER OF ATTORNEY
AND STATEMENT UNDER 37 C.F.R. 3.73(b)**

U.S. Patent and Trademark Office
Customer Service Window, Mail Stop
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Sir:

Submitted herewith is a Power of Attorney, Exhibit A & B to Power of Attorney,
Statement under 37 C.F.R. 3.73(b) and copies of documents establishing chain of title as filed in
the U.S. Patent and Trademark Office for the above-identified patent application.

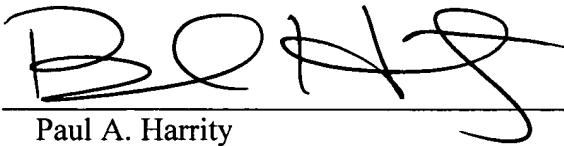
Amendment/Reply Transmittal Letter
Application Serial No. 09/829,972
Attorney's Docket No. 0050-0136
Page 2

The Commissioner is hereby authorized to charge any other appropriate fees that may be required by this paper that are not accounted for above, and to credit any overpayment, to Deposit Account No. 50-1070.

Respectfully submitted,

HARRITY & SNYDER, L.L.P.

By:



Paul A. Harrity
Reg. No. 39,574

11240 Waples Mill Road
Suite 300
Fairfax, Virginia 22030
(571) 432-0800
Customer Number: 44987
Date: June 9, 2005



PTO/SB/1 (11-04)

Approved for use through 11/30/2005. OMB 0651-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**POWER OF ATTORNEY
and
CORRESPONDENCE ADDRESS
INDICATION FORM**

| | |
|------------------------|-----------------------------------|
| Application Number | Attachment: Exhibit A & Exhibit B |
| Filing Date | |
| First Named Inventor | |
| Title | |
| Art Unit | |
| Examiner Name | |
| Attorney Docket Number | |

I hereby revoke all previous powers of attorney given in the above-identified application.

I hereby appoint:

Practitioners associated with the Customer Number: 44987

OR

Practitioner(s) named below:

| Name | Registration Number |
|------|---------------------|
| | |
| | |
| | |
| | |

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

The address associated with the above-mentioned Customer Number:

OR

The address associated with Customer Number:

OR

| | | | |
|--|-------|-----|--|
| <input type="checkbox"/> Firm or Individual Name | | | |
| Address | | | |
| City | State | Zip | |
| Country | | | |
| Telephone | Fax | | |

I am the:

Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

| | | | |
|-------------------|---|-----------|-------------------|
| Signature |  | Date | February 16, 2005 |
| Name | Mitchell Gaynor | Telephone | |
| Title and Company | Vice President, Juniper Networks, Inc. | | |

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

*Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



EXHIBIT A TO POWER OF ATTORNEY

U.S. PATENT APPLICATIONS

| U.S. SERIAL NO. | FILING DATE |
|-----------------|-------------|
| 09/522,608 | 3/10/2000 |
| 09/977,227 | 10/16/2001 |
| 09/727,046 | 11/30/2000 |
| 09/743,594 | 1/11/2001 |
| 09/567,442 | 7/8/2002 |
| 09/733,940 | 12/12/2000 |
| 09/332,996 | 6/15/1999 |
| 09/324,655 | 6/3/1999 |
| 09/473,022 | 12/28/1999 |
| 09/506,366 | 2/18/2000 |
| 09/598,215 | 6/21/2000 |
| 09/939,706 | 8/28/2001 |
| 09/404,313 | 9/24/1999 |
| 09/406,803 | 9/28/1999 |
| 09/558,598 | 4/26/2000 |
| 09/676,559 | 10/2/2000 |
| 09/752,461 | 1/3/2001 |
| 09/825,941 | 4/5/2001 |
| 09/924,054 | 8/8/2001 |
| 09/966,099 | 10/1/2001 |
| 09/974,793 | 10/12/2001 |
| 09/899,074 | 7/6/2001 |
| 10/153,819 | 5/24/2002 |
| 10/160,028 | 6/4/2002 |
| 10/795,299 | 3/9/2004 |
| 10/795,536 | 3/9/2004 |
| 09/816,705 | 3/23/2001 |
| 09/797,590 | 3/5/2001 |
| 09/729,577 | 12/4/2000 |
| 09/820,351 | 3/29/2001 |
| 09/829,972 | 4/11/2001 |
| 09/858,637 | 5/17/2001 |

EXHIBIT A TO POWER OF ATTORNEY

U.S. PATENT APPLICATIONS

| U.S. SERIAL NO. | FILING DATE |
|------------------------|--------------------|
| 09/929,367 | 8/15/2001 |
| 09/866,616 | 5/30/2001 |
| 10/066,666 | 2/6/2002 |
| 10/173,813 | 6/19/2002 |
| 10/227,808 | 8/27/2002 |
| 09/718,378 | 11/24/2000 |
| 09/615,719 | 7/13/2000 |
| 09/784,140 | 2/16/2001 |
| 09/760,781 | 1/17/2001 |
| 09/946,472 | 9/6/2001 |
| 10/266,636 | 10/9/2002 |
| 09/545,888 | 4/7/2000 |
| 09/945,758 | 9/5/2001 |
| 10/038,655 | 1/8/2002 |
| 10/188,060 | 7/3/2002 |
| 10/755,499 | 1/12/2004 |
| 09/576,324 | 5/22/2000 |
| 09/512,088 | 2/24/2000 |
| 09/931,922 | 8/20/2001 |
| 09/901,663 | 7/11/2001 |
| 09/589,511 | 6/8/2000 |
| 09/861,890 | 5/22/2001 |
| 09/955,955 | 9/20/2001 |
| 10/098,124 | 3/15/2002 |

EXHIBIT B TO POWER OF ATTORNEY

U.S. PATENTS

| U.S. PATENT NO. | ISSUE DATE |
|------------------------|-------------------|
| 5,132,966 | 7/21/1992 |
| 5,355,372 | 10/11/1994 |
| 5,412,648 | 5/2/1995 |
| 5,425,026 | 6/13/1995 |
| 5,440,551 | 8/8/1995 |
| 5,448,567 | 9/5/1995 |
| 5,521,917 | 5/28/1996 |
| 5,563,887 | 10/8/1996 |
| 5,581,689 | 12/3/1996 |
| 5,608,738 | 3/4/1997 |
| 5,636,212 | 6/3/1997 |
| 5,671,213 | 9/23/1997 |
| 5,675,384 | 10/7/1997 |
| 5,719,853 | 2/17/1998 |
| 5,724,353 | 3/3/1998 |
| 5,737,313 | 4/7/1998 |
| 5,742,600 | 4/21/1998 |
| 5,745,694 | 4/28/1998 |
| 5,748,632 | 5/5/1998 |
| 5,764,637 | 6/9/1998 |
| 5,787,073 | 7/28/1998 |
| 5,796,736 | 8/18/1998 |
| 5,822,320 | 10/13/1998 |
| 5,828,667 | 10/27/1998 |
| 5,831,981 | 11/3/1998 |
| 5,864,553 | 1/26/1999 |
| 5,886,981 | 3/23/1999 |
| 5,896,386 | 4/20/1999 |
| 5,903,559 | 5/11/1999 |
| 5,909,446 | 6/1/1999 |
| 5,913,074 | 6/15/1999 |

EXHIBIT B TO POWER OF ATTORNEY

U.S. PATENTS

| U.S. PATENT NO. | ISSUE DATE |
|------------------------|-------------------|
| 5,920,620 | 7/6/1999 |
| 5,966,513 | 10/12/1999 |
| 5,974,036 | 10/26/1999 |
| 5,978,355 | 11/2/1999 |
| 6,011,797 | 1/4/2000 |
| 6,034,961 | 3/7/2000 |
| 6,041,037 | 3/21/2000 |
| 6,041,342 | 3/21/2000 |
| 6,046,981 | 4/4/2000 |
| 6,049,527 | 4/11/2000 |
| 6,061,355 | 5/9/2000 |
| 6,072,776 | 6/6/2000 |
| 6,108,708 | 8/22/2000 |
| 6,122,251 | 9/19/2000 |
| 6,134,249 | 10/17/2000 |
| 6,137,778 | 10/24/2000 |
| 6,160,822 | 12/12/2000 |
| 6,172,991 | 1/9/2001 |
| 6,549,518 | 4/15/2003 |
| 6,574,019 | 6/3/2003 |
| 6,625,123 | 9/23/2003 |
| 6,198,746 B1 | 3/6/2001 |
| 6,199,033 B1 | 3/6/2001 |
| 6,201,810 B1 | 3/13/2001 |
| 6,205,145 B1 | 3/20/2001 |
| 6,233,258 B1 | 5/15/2001 |
| 6,252,875 B1 | 6/26/2001 |
| 6,282,200 B1 | 8/28/2001 |
| 6,330,223 B1 | 12/11/2001 |
| 6,339,597 B1 | 1/15/2002 |
| 6,347,098 B1 | 2/12/2002 |
| 6,363,064 B1 | 3/26/2002 |

EXHIBIT B TO POWER OF ATTORNEY

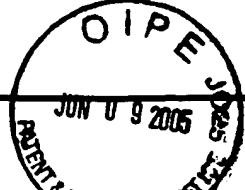
U.S. PATENTS

| U.S. PATENT NO. | ISSUE DATE |
|-----------------|------------|
| 6,404,738 B1 | 6/11/2002 |
| 6,404,744 B1 | 6/11/2002 |
| 6,408,005 B1 | 6/18/2002 |
| 6,418,144 B1 | 7/9/2002 |
| 6,418,145 B1 | 7/9/2002 |
| 6,421,316 B1 | 7/16/2002 |
| 6,424,622 B1 | 7/23/2002 |
| 6,438,138 B1 | 8/20/2002 |
| 6,452,908 B1 | 9/17/2002 |
| 6,459,699 B1 | 10/1/2002 |
| 6,470,004 B1 | 10/22/2002 |
| 6,490,282 B1 | 12/3/2002 |
| 6,493,356 B1 | 12/10/2002 |
| 6,509,985 B1 | 1/21/2003 |
| 6,532,234 B1 | 3/11/2003 |
| 6,542,467 B2 | 4/1/2003 |
| 6,560,232 B1 | 5/6/2003 |
| 6,574,191 B1 | 6/3/2003 |
| 6,580,714 B1 | 6/17/2003 |
| 6,594,267 B1 | 7/15/2003 |
| 6,597,657 B1 | 7/22/2003 |
| 6,621,788 B1 | 9/16/2003 |
| 6,628,924 B1 | 9/30/2003 |
| 6,657,958 B1 | 12/2/2003 |
| 6,665,263 B1 | 12/16/2003 |
| 6,671,276 B1 | 12/30/2003 |
| 6,700,873 B1 | 3/2/2004 |
| 6,704,321 B1 | 3/9/2004 |
| 6,707,823 B1 | 3/16/2004 |
| 6,711,133 B1 | 3/23/2004 |
| 6,714,547 B1 | 3/30/2004 |
| 6,721,324 B1 | 4/13/2004 |
| 6,721,413 B1 | 4/13/2004 |

EXHIBIT B TO POWER OF ATTORNEY

U.S. PATENTS

| U.S. PATENT NO. | ISSUE DATE |
|------------------------|-------------------|
| 6,731,603 B1 | 5/4/2004 |
| 6,731,637 B2 | 5/4/2004 |
| 6,731,651 B1 | 5/4/2004 |
| 6,738,352 B1 | 5/18/2004 |
| 6,738,385 B1 | 5/18/2004 |
| 6,741,570 B1 | 5/25/2004 |
| 6,747,990 B1 | 6/8/2004 |
| 6,766,387 B2 | 7/20/2004 |
| 6,771,702 B1 | 8/3/2004 |
| 6,801,498 B1 | 10/5/2004 |
| 6,791,946 B1 | 9/14/2004 |
| 6,801,504 B1 | 10/5/2004 |
| 6,807,653 B2 | 10/19/2004 |
| 6,804,198 B1 | 10/12/2004 |
| 6,788,699 B1 | 9/7/2004 |



STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Owner: Hideyuki Furuichi

Application No./Patent No.: 09/829,972

Filed/Issue Date: April 11, 2001

Entitled: HEADER CONVERSION TECHNIQUE IN ATM SWITCH

Juniper Networks, Inc., a corporation

(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, etc.)

states that it is:

- the assignee of the entire right, title, and interest; or
- an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is %

in the patent application/patent identified above by virtue of either:

A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached.

OR

B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Hideyuki Furuichi To: NEC Corporation

The document was recorded in the United States Patent and Trademark Office at Reel 011704, Frame 0043, or for which a copy thereof is attached.

2. From: NEC Corporation. To: Juniper Networks, Inc.

The document was recorded in the United States Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

June 9, 2005
Date

Paul A. Harrity
Typed or printed name



Signature

Attorney for Assignee
Title

US pending applications

Assignment

Whereas, NEC Corporation, a Japanese corporation, having a place of business at 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001, Japan, hereinafter called Assignor, is the owner and assignee of record of the pending applications listed on the attached Schedule A; and

Whereas, Juniper Networks, Inc., a U.S.A. corporation, having a place of business at 1194 North Mathilda Avenue, Sunnyvale, California 94089-1206, U.S.A., hereinafter called Assignee, desires to acquire the Assignor's entire right, title, and interest in said applications listed on the attached Schedule A;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged;

Assignor hereby sells, assigns and transfers to Assignee, its successors and assigns, its entire right, title and interest including rights to recover for past infringement in the applications listed on the attached Schedule A, including continuations, divisions and reissues thereof;

IN WITNESS WHEREOF, Assignor has executed this Assignment by proper persons duly authorized.

NEC Corporation

Date: January 17, 2005

Sachio Matsubara
Name: Sachio Matsubara
Title: Senior Manager,
Intellectual Asset Planning Division,
Intellectual Asset Operations Unit

Witness:

Date: January 17, 2005

M. Yamamoto
Name:



Schedule A

US Patent Applications

| <u>Serial No.</u> | <u>Filing Date (Y/M/D)</u> |
|-------------------|----------------------------|
| 09/522608 | 2000/3/10 |
| 09/977227 | 2001/10/16 |
| 09/727046 | 2000/11/30 |
| 09/743594 | 2001/1/11 |
| 09/567442 | 2002/7/8 |
| 09/733940 | 2000/12/12 |
| 09/332996 | 1999/6/15 |
| 09/324655 | 1999/6/3 |
| 09/473022 | 1999/12/28 |
| 09/506366 | 2000/2/18 |
| 09/598215 | 2000/6/21 |
| 09/939706 | 2001/8/28 |
| 09/404313 | 1999/9/24 |
| 09/406803 | 1999/9/28 |
| 09/558598 | 2000/4/26 |
| 09/676559 | 2000/10/2 |
| 09/752461 | 2001/1/3 |
| 09/825941 | 2001/4/5 |
| 09/924054 | 2001/8/8 |
| 09/966099 | 2001/10/1 |
| 09/974793 | 2001/10/12 |
| 09/899074 | 2001/7/6 |
| 10/153819 | 2002/5/24 |
| 10/160028 | 2002/6/4 |
| 10/795299 | 2004/3/9 |
| 10/795536 | 2004/3/9 |
| 09/816705 | 2001/3/23 |
| 09/797590 | 2001/3/5 |
| 09/729577 | 2000/12/4 |
| 09/820351 | 2001/3/29 |
| 09/829972 | 2001/4/11 |

| <u>Serial No.</u> | <u>Filing Date (Y/M/D)</u> |
|-------------------|----------------------------|
| 09/858637 | 2001/5/17 |
| 09/929367 | 2001/8/15 |
| 09/866616 | 2001/5/30 |
| 10/066666 | 2002/2/6 |
| 10/173813 | 2002/6/19 |
| 10/227808 | 2002/8/27 |
| 09/718378 | 2000/11/24 |
| 09/615719 | 2000/7/13 |
| 09/784140 | 2001/2/16 |
| 09/760781 | 2001/1/17 |
| 09/946472 | 2001/9/6 |
| 10/266636 | 2002/10/9 |
| 09/545888 | 2000/4/7 |
| 09/945758 | 2001/9/5 |
| 10/038655 | 2002/1/8 |
| 10/188060 | 2002/7/3 |
| 10/755499 | 2004/1/12 |
| 09/576324 | 2000/5/22 |
| 09/512088 | 2000/2/24 |
| 09/931922 | 2001/8/20 |
| 09/901663 | 2001/7/11 |
| 09/589511 | 2000/6/8 |
| 09/861890 | 2001/5/22 |
| 09/955955 | 2001/9/20 |
| 10/098124 | 2002/3/15 |